



APA-324-G-A

APA-318-G-J

APA-640-T-P

**MOLD-TO-POSITION PRODUCT**  
 Minimums or set-up charges may apply. Call Samtec.

(2,54mm) .100"

APA SERIES

# AUTOMATED INSERTION ADAPTOR PLUGS

Mates with:  
 ICO, ICA

## FEATURES

- Side & end stackable
- Great for auto insertion
- Open body design

## SPECIFICATIONS

For complete specifications see [www.samtec.com?APA](http://www.samtec.com?APA)

**Insulator Material:** Black Glass Filled Polyester except -328 is LCP  
**Flammability Rating:** UL 94V-O  
**Insulation Resistance:** 5000 MΩ min  
**Operating Temp Range:** -55°C to +105°C with Tin; -55°C to +125°C with Gold.  
**Withstanding Voltage:** 1000 VRMS  
**Terminal Material:** Brass except styles -M, -N and -P are Phosphor Bronze or Brass  
**Plating:** Au over 50µ" (1,27mm) Ni or Sn over 100µ" (2,54mm) Cu or 50µ" (1,27mm) Ni  
**Current Rating:** 1 A  
**Terminal Retention in Body:** 5 lbs (22,25N) against barb



APA

ROW SPACING & NO. OF PINS

PLATING OPTION

LEAD STYLE

**Specify from chart below**

-G  
= 20µ"  
(0,58µm) Gold

-T  
= Tin

**-A or -A1  
= Round Pin**

STYLE	X DIA
-A	(0,64) .025
-A1	(0,46) .018

Style A Component No. = T-1R0-  
 Style A1 Component No. = T-1R5-

**-J  
= Solder Shell**

Component No. = S-1P1-

**-M, -N or -P  
= Interconnect Post**

STYLE	Y
-M	(1,52) .060
-N	(4,69) .185
-P	(11,05) .435

Not available with -328 body.  
 Component No. = T-1R14-

	Row Space	No. of Pins	
-308	.300 (7,62)	08	
-314		14	
-316		16	
-318		18	
-320		20	
-322*		22	
-324		24	
-328		28	
-422		.400 (10,16)	22
-624		.600 (15,24)	24
-628	28		
-632	32		
-640	40		
-648	48		

\*-322 has no cross bar on one end.

**Note:**  
 Some sizes, styles and options are non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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